

Title (en)
Miter saw

Title (de)
Gehrungssäge

Title (fr)
Scie à onglets

Publication
EP 1182000 B1 20050525 (EN)

Application
EP 00307316 A 20000824

Priority
EP 00307316 A 20000824

Abstract (en)
[origin: EP1182000A1] A miter saw (10) including a base assembly (11), a rotatable table (12) rotatably connected to the base assembly (11), a fence (20,21) connected to the base assembly (11), a saw assembly (30) including a motor (17) and a blade (14) driven by the motor (17), and a pivot arm (8) pivotally attached to the table and pivotally supporting the saw assembly (30) about a first axis (A) substantially parallel to the table plane (11P), allowing a user to plunge the blade (14) below the table plane (11P), wherein the distance (ABP) between the first axis (A) and the table plane (11P) is about 0.472 times the radius (R). Also, the distance (AFP) between the first axis (A) and the fence plane (20P) is about 1.45 times the radius (R), and the distance (ABC) between the first axis (A) and the blade center (BC) is about 1.882 times the radius (R). The distance (BCBP) between the blade center (BC) and the table plane (11P) is about 0.57 times the radius (R) when the blade (14) is plunged below the table plane (11P). <IMAGE>

IPC 1-7
B23D 45/04

IPC 8 full level
B23D 45/04 (2006.01)

CPC (source: EP)
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EP 1182000 A1 20020227; EP 1182000 B1 20050525; AT E296182 T1 20050615; DE 60020364 D1 20050630; DE 60020364 T2 20060202; DK 1182000 T3 20050725; ES 2238972 T3 20050916; PT 1182000 E 20050930

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